

APR 05 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Ke Liu et al

Serial No.: 10/691,794.

Filed: October 23, 2003

Title: Intermittent Application of Syngas to
NOx Trap and/or Diesel Engine

Docket No.: C-2990HyS

Art Unit: 3748

Examiner: Nguyen, Tu Minh

I hereby certify that this correspondence is being
facsimile transmitted to the United States Patent
and Trademark Office (Fax No. 703-872-9306) on

April 5, 2005.

Barbara Capera

RESPONSECommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is responsive to the Final Rejection dated March 18, 2005.

Claims 1-4 remain for consideration.

1. Withdrawal of the previous Final Rejection is noted with gratitude.
- 2,3. Claims 1-3 are rejected as obvious over Taylor, III et al (Taylor).

Taylor discloses:

- Fig. 1, paragraphs 18-26 - engine only
- Fig. 2, paragraphs 27-31 - engine and abatement - fixed
- Fig. 3, paragraphs 32-37 - abatement only
- Fig. 4, paragraphs 38-43 - engine only
- Fig. 5, paragraphs 44-47 - abatement only
- Fig. 6, paragraphs 48-52 - engine, or abatement, or fuel cell; no selection
- Figs. 7-9, paragraph 49 - no details

Taylor therefore only discloses providing reformat to an engine, to an abatement device, or as in Fig. 2 to both the engine and the abatement device but with no alteration in the operation thereof whatsoever.